Use Attainability Analysis

for

WBID 0099 Peno Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program RECEIVED

Field Data Sheets for Recreational Use Stream Surveys

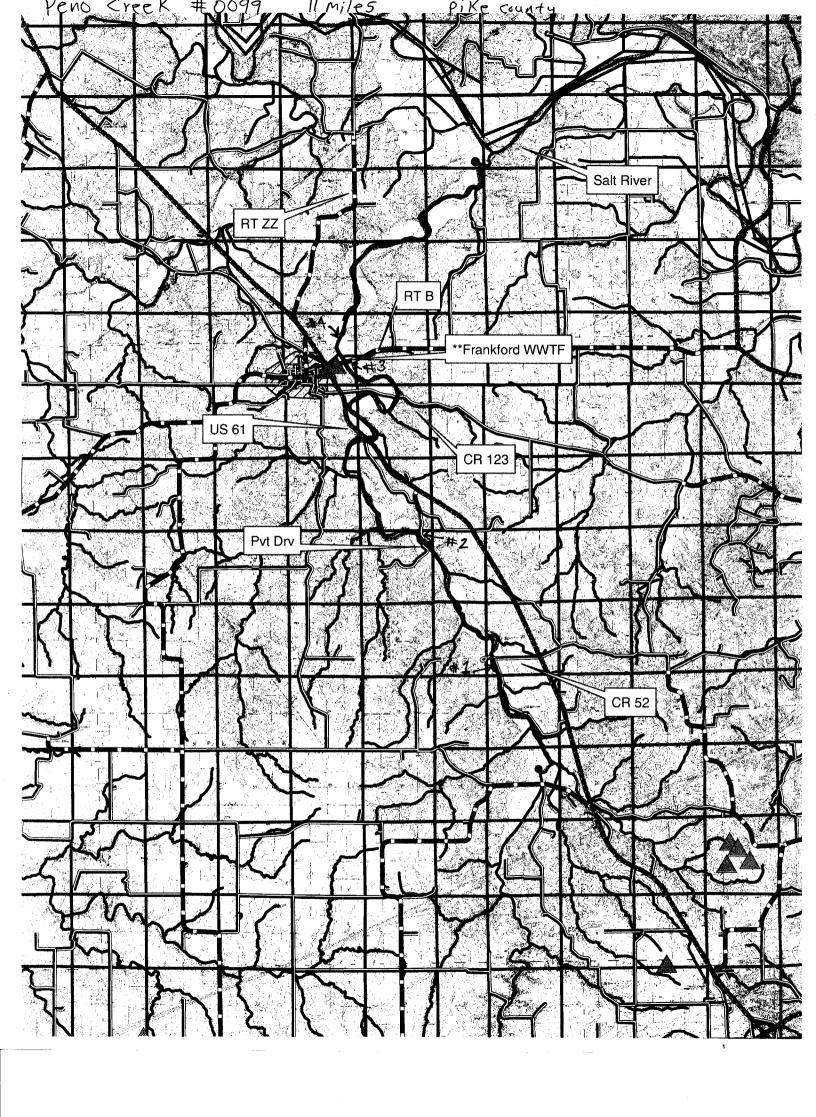
2005 JUL -8 AM 11: 42

Data Sheet A - Water Body Identification

Water	Body Name (from USGS 7.5' quad): Peno Creek
8-digi	t HUC: 07/10007
Misso	uri WBID #: 0099
Count	y: Pike
Upstre	eam Legal Description: SW 14. Sec. 20 T54N R3W
Down	stream Legal Description: NE1/4, Sec. 35 T55N R 4 W
Upstre	eam Coordinates: UTM DD 39.43329 91.27056
Down	stream Coordinates: UTM DD 39.50632 9/.30760
Discha	arger Facility Name(s):
Discha	arger Permit Number(s):
Numb	er of Sites Evaluated: 4
Name	of Surveyor and Telephone Number: Tucker Fredrickson (573)526-
Organi	ization: MDNR
Positio	on: Environmental Specialist
Positio	on: Environmental Specialist

datasheet is true and accurate.

Signed: Tucker Fredrickson	Date: 6/27/05
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Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 0	99 -01		Site Location	Description: County Roc	id 52		
Site GPS Coordinates: 30	1.43329 91.	27056	s ite 15	Description: County Roce off County Road (L	uest)		
Date & Time: 61	127/05	2:05 pm	Facility Name	Peno Creek			
Personnel: Tucker	- Fredrick	50n	Permit Numb				
Current Weather Condition	ns: Sunny 9	10°F	Weather Cond	Weather Conditions for Past 7 days: No rainfall			
Photo Ids: Upstream:		istream:	08 Ot	ther: H Temp-	Range 84-95°F		
Uses Observed*:				•	J		
Swimming	☐ Skin diving	□ sc	UBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	□Во	ating	☐ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fis	hing	None of the above	☐ Other:		
Describe: (include number	r of individuals recre	eaung, nequ	iency of use, pho	oto-documentation of evidence of	of recreationar uses, etc.)		
Surrounding Conditions items of interest.)	s*: (Mark all that pr	romote or in	npede recreation	al uses. Attach photos of eviden	ce or unusual		
City/county parks	☐ Playgrounds	☐ MDC co	onservation land	s 🔲 Urban areas	☐ Campgrounds		
☐ Boating accesses	☐ State parks	☐ Nationa	l forests	☐ Nature trails	☐ Stairs/walkway		
☐ No trespass sign	☐ Fence	☐ Steep sle	opes	DOther: Private	Property		
	<u> </u>				•		
Evidence of Human Use							
☐ Roads	☐ Foot paths/prin		Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks		
☐ Rope swings	☐ Camping Sites		Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle		
Other: NA							

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Stream Morphol Unstream Vie)	,			
Upstream Vie	th (ft):	Length (ft):	Avg. Dep	th (ft):	Max Danth (ft)	- · · · · · · · · · · · · · · · · · · ·
	th (ft):	Length (ft):	Avg. Dep		Max. Depth (ft): Max. Depth (ft):	
	th (ft): \5	Length (ft):	70 Avg. Dep			
☐ Flow Prese			Estimated	1,7) Wax. Deput (II): 1	2.5
Downstream V	iew Physics	al Dimensions:		**************************************		
	th (ft):	Length (ft):	Avg. Dep	th (ft):	Max. Depth (ft):	
□ Run Widt	th (ft):	Length (ft):	Avg. Dept	- i	Max. Depth (ft):	
图 Pool Widt	th (ft): 15	Length (ft):	30 Avg. Dept) 7=
☐ Flow Prese			Estimated	· · ·	13 Mari Deput (II). 2	2.75
uhatvatoke (TL						`
Substrate*: (Thes		% Gravel	% Sand	36 % Silt	0/)/ 1/01	
NA			or algal growth at the as		% Mud/Clay 3で	% Bedroo
NA Vater Character	On*: (note am	ount of vegetation o			% Mud/Clay 3C	% Bedroo
NA	On*: (note am	ount of vegetation o			% Mud/Clay 3C	% Bedroo
NA Vater Character Odor: Color:	on*: (note amo	ount of vegetation o	r algal growth at the as	ssessment site)		% Bedroo
NA Vater Character Odor: Color: Bottom Deposit:	on*: (note amo istics*: (Mar	ount of vegetation o	r algal growth at the as	None Milky	☐ Other:	% Bedroo
Vater Character Odor: Color: Bottom Deposit: Surface Deposit:	istics*: (Mark	call that apply.) Musky Green Solids	☐ Chemical ☐ Gray ☐ Fine sediments ☐ Foam	None Milky None None	☐ Other: ☐ Other: ☐ Other: ☐ Other:	% Bedro
Vater Character Odor: Color: Bottom Deposit: Surface Deposit: Comments: Please Yourh 60-5, A This information is no comprehensive unders ecision on the recreate the undersigned atasheet is true a	istics*: (Market) Sewage Clear Sludge Oil e attach adding of water to be used so tanding of water to use analysist the contract of the co	call that apply.) Musky Green Solids Scum tional comments plely for removal of er conditions. Consists but may point to confirm to the best	Chemical Gray Fine sediments Foam Gincluding informational use designed equently, this information conditions that need fur of my knowledge,	None None None None None None tion from integration but rather ion is not intended ther analysis or that all information.	Other: Other: Other: Other: rviews) to this form.	





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: O	190 - 02		Site Location I	Description: (D ·)	· ` ` ` ` · ·	
	779 02	9015	RangeKer Course 1: 124 Coursel road			
Site GPS Coordinates: 3			Ranacker Conservation RA (gravel road			
Date & Time: 6 2		MqOC	Facility Name:	TONO CHOIL		
Personnel: Tucker		50N	Permit Number	**		
Current Weather Conditio	ns: Overcast	85°F	Weather Condi	tions for Past 7 days: NO	rainfall	
Photo Ids: Upstream:	13 Down	stream:	 4 Oth	er: H Temp.	Range 84-95°F	
Uses Observed*:				,)	
Swimming	☐ Skin diving	□ sct	UBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking	☐ Boa		☐ Wading	☐ Rafting	
☐ Hunting	☐ Trapping	Æ Fish	ung	☐ None of the above	☐ Other:	
				o-documentation of evidence	of recreational uses, etc.)	
Surrounding Condition	S*: (Mark all that pr	omote or im	pede recreational	uses. Attach photos of evide	nce or unusual	
items of interest.) □ City/county parks	☐ Playgrounds	MDC co	nservation lands	☐ Urban areas		
☐ Boating accesses	☐ State parks	☐ National		☐ Nature trails	☐ Stairs/walkway	
☐ No trespass sign	☐ Fence	☐ Steep slo				
Evidence of Human Use	*•				•	
Roads	☐ Foot paths/print	ts 🗆 I	Dock/platform	☐ Livestock Watering	☐ RV / ATV Tracks	
☐ Rope swings	☐ Camping Sites	□ F	ire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle	
MOther: MDC fo	crking Area <	10 awa	ly			
<u> </u>				ssment sites clearly label	ed Mark any	

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

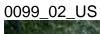
September 29, 2004

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Page Two - Data Sheet B for WBID # 0099: 02

Odor: Color: Bottom De		S*: (Mark :] Sewage] Clear] Sludge	all that apply.) Musky Green Solids	☐ Chemical☐ Gray☐ Fine sediment	None ☐ Milky Is ☐ None	☐ Other: ☐ Other: ☐ Other:	
Odor:] Sewage	☐ Musky	· · · · · · · · · · · · · · · · · · ·			
				☐ Chemical	X None	□ Other:	
			nt of vegetation	or algal growth at the a		ibstrate –	<i>3</i> 0 %
20 %	6 Cobble	10 %	Gravel	20 % Sand	20 % Silt	% Mud/Clay	3℃ % Bedroo
			dd up to 100%.)				
☐ Flow	Present?	V Yes	□ No	Estimated			
☐ Run	Width (ft) Width (ft)	4	Length (ft): Length (ft):	Avg. Dept			2.0
☐ Riffle	Width (ft):		Length (ft):	Avg. Dept		Max. Depth (ft): Max. Depth (ft):	
Downstre	am View	Physical	Dimensions:				
☐ Flow	Present?	XT Yes	□ No	Estimated	(ft³/sec):		· · · · · · · · · · · · · · · · · · ·
≱ Pool	Width (ft):	45	Length (ft):	300 Avg. Dept	th (ft): 3.7.	Max. Depth (ft):	4
☐ Run	Width (ft):		Length (ft):	Avg. Dept	th (ft):	Max. Depth (ft):	
	Width (ft):		Length (ft):	Avg. Dept	th (ft):	Max. Depth (ft):	







Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:	099-03		Site Location Des	scription: Acidoe C	rossing Rt. B		
Site GPS Coordinates:		3 090	30	Dirago			
				Facility Name: Peno CreeK			
				TENO CIPEL			
Current Weather Conditi		90		ons for Past 7 days: No	rainfall		
Photo Ids: Upstream: O5 Downstream:					1. Range 84-95°F		
					V. Karge of 197		
Jses Observed*:							
☐ Swimming	☐ Skin diving		SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking		Boating	☐ Wading	☐ Rafting ·		
☐ Hunting	☐ Trapping		l Fishing	None of the above	☐ Other:		
Describe: (include numb							
Surrounding Condition	ns*: (Mark all that p	promote (or impede recreational u	ses. Attach photos of evide	ence or unusual		
Surrounding Condition (tems of interest.)	1			ses. Attach photos of evide			
Surrounding Condition items of interest.)	☐ Playgrounds	□ MD	OC conservation lands	☐ Urban areas	☐ Campgrounds		
Surrounding Condition items of interest.) City/county parks Boating accesses	☐ Playgrounds ☐ State parks	☐ MD	OC conservation lands	☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway		
Surrounding Condition items of interest.)	☐ Playgrounds ☐ State parks ☐ Fence	☐ MD	OC conservation lands	☐ Urban areas ☐ Nature trails ☑ Other: Frankford View of b	□ Campgrounds □ Stairs/walkway L WWTF Wlin ridge, but bridg		
Surrounding Condition items of interest.) City/county parks Boating accesses No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MD	OC conservation lands	☐ Urban areas ☐ Nature trails ☑ Other: Frankford	□ Campgrounds □ Stairs/walkway L WWTF Wlin ridge, but bridg		
Surrounding Condition items of interest.) City/county parks Boating accesses No trespass sign Evidence of Human Use	☐ Playgrounds ☐ State parks ☐ Fence	☐ MD☐ Nat	OC conservation lands ional forests ep slopes	Urban areas Nature trails Other: Frankford Vicw of b	Campgrounds Stairs/walkway WWTF Wlin ridge, but bridg		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Page Two - Data Sheet B for WBID # 0099: 03 Stream Morphology: Upstream View Physical Dimensions: Width (ft): ☐ Riffle Length (ft): Avg. Depth (ft): Max. Depth (ft): Width (ft): ☐ Run Length (ft): Avg. Depth (ft): Max. Depth (ft): Width (ft): Pool Length (ft): Avg. Depth (ft): Max. Depth (ft): 3.0 ☐ Flow Present? □ No Estimated (ft³/sec): Downstream View Physical Dimensions: Width (ft): ☐ Riffle Length (ft): Avg. Depth (ft): Max. Depth (ft): Width (ft): □ Run Length (ft): Avg. Depth (ft): Max. Depth (ft): Width (ft): 20 Pool 275 Length (ft): Avg. Depth (ft): 40 25 4.0 Max. Depth (ft): ☐ Flow Present? Ø Yes Estimated (ft³/sec): □ No Substrate*: (These values should add up to 100%.) 10 % Cobble 20 % Gravel 40 % Sand % Silt 20% Mud/Clay % Bedrock Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site) periphyton 60% sub coverage Water Characteristics*: (Mark all that apply.) Odor: ☐ Sewage ☐ Musky ☐ Chemical None 🗸 ☐ Other: Color: ☐ Clear Green ☐ Gray ☐ Milky Other: Bottom Deposit: ☐ Sludge ☐ Solids ☐ None ☐ Other: Surface Deposit: ☐ Oil ☑ Scum ☐ Foam ☐ None ☐ Other: Comments: Please attach additional comments (including information from interviews) to this form. 7" tish, minnows *This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate. Tucher Fredrickson Date: 6/27/05 Organization: MDNR Position: Environmental Specialist





Data Sheet B - Site Characterization (A separate data sheet must be completed for each site)

Missouri WBID #: 0099-04
Site GPS Coordinates: 39.50632 91.30760
Site GPS Coordinates: 39.50632 91.30760

Site GPS Coordinates: 39.50632 91.30760

Site GPS Coordinates: 3 Peno 2:55 PM Facility Name: CreeK Date & Time: Permit Number: Personnel: tredric K50n Current Weather Conditions: Weather Conditions for Past 7 days: No Rainfall Downstream: Other: Photo Ids: Upstream: Uses Observed*: ☐ Water skiing ☐ SCUBA diving ☐ Tubing ☐ Swimming > ☐ Skin diving ☐ Wading ☐ Rafting ☐ Wind surfing ☐ Kayaking ☐ Boating ☐ None of the above ☐ Trapping ☐ Fishing ☐ Hunting Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

Jordan Finnigan (16) said his friends use the creek for Swimming, fishing, and wading.

Surrounding Conditions*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☐ Steep slopes	OCOther: Private	Property

Evidence of Human Use*:

☐ Roads	☐ Foot paths/prints	☐ Dock/platform	☐ Livestock Watering	☐ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
Other: NA				

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Page Two - Data Sheet B for WBID # 0099: 04 Stream Morphology: Upstream View Physical Dimensions: Width (ft): Length (ft): ☐ Riffle Avg. Depth (ft): Max. Depth (ft): Width (ft): Length (ft): ☐ Run Avg. Depth (ft): Max. Depth (ft): Width (ft): Length (ft): Avg. Depth (ft): Pool 5 Max. Depth (ft): Estimated (ft³/sec): ☐ Flow Present? □ No Downstream View Physical Dimensions: Width (ft): Length (ft): ☐ Riffle Avg. Depth (ft): Max. Depth (ft): Width (ft): Length (ft): 65 2 Run Avg. Depth (ft): Max. Depth (ft): 0.4 Width (ft): Length (ft): ☐ Pool Avg. Depth (ft): Max. Depth (ft): Estimated (ft³/sec): Yes ☐ Flow Present? □ No Substrate*: (These values should add up to 100%.) 40 % Cobble 40 % Gravel % Sand % Silt % Mud/Clav % Bedrock Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site) periphyton 75% sub coverage surface cover-40% Water Characteristics*: (Mark all that apply.) Odor: ☐ Sewage ☐ Musky ☐ Chemical None None ☐ Other: Color: ☐ Clear Green ☐ Gray ☐ Milky ☐ Other: Bottom Deposit: ☐ Sludge Fine sediments ☐ Solids ☐ None ☐ Other: Surface Deposit: None None □ Oil ☐ Scum ☐ Foam ☐ Other:

Comments: Please attach additional comments (including information from interviews) to this form.

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I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: Jucker Fredrickyn	Date:	6/27/05
Organization: MDNR	Position:	Environmental Specialist







